

Oxygen Transmitter

OT Series



Advantage:

- Compact, easy installation
- Long life zirconia sensor
- Five to ten years expected operational life
- Sensor will not dry out or freeze
- Low maintenance
- Low cost

Caution:

- Never expose the Transmitter to flammable gases.
- Please keep the sensor in good air ventilation.
- Please keep the sampling flow at calibration rate.
- Please keep the power at right voltage.

Description:

The OT series transmitter is a cost effective solution in a small package for oxygen measurement and control applications. It is compact, cheap and easy installation and designed to provide the trained operator with useful information relating to the concentration of oxygen in non-flammable gases and non-hazardous area. Its microprocessor based main board can offer accurately output for trace or high levels oxygen concentration. It is ideally suited for installed in your equipments like Solder Reflow Machine and control boxes of semiconductor furnaces, glass manufacture, inert atmosphere chambers, and gas generators.

Specification:

Model:	OT-201	OT-301	OT-401	OT-502	OT-601
Measuring Range:	0-100 ppm	0-1000ppm	0-10000 ppm	0-25%	0-100%
Sensor Type:	Zirconia Oxygen Sensor				
Accuracy:	$\pm 2\%$ of Span Gas				
Response Time:	Approximately 6 sec. for T95				
Flow Rate:	1 l/min				
Operating Temperature:	0° to 45° C (32 - 113° F)				
Operating Humidity:	0-90% Non-condensing				
Operating Pressure	1 BarA				
Max. Pressure Resistance	8 BarG				
Calibration@ 1 l/min:	Span/ Zero Gas (2 points)				
Analog Output:	4-20mA or 20-4mA Selectable (0-10V/ 10-0V optional)				
Digital Interface	RS485 for Calibration/ Setting				
Calibration/ Setting Software	Included with RS485 to USB Converter				
Power:	12VDC				
Power Consumption:	Maximum 2.5A				